

## **ABSTRACT**

[45] Certain aspects of the invention may be found in a sound and heartbeat playback system that selectively generates and/or plays back sounds and/or heartbeats that mimic a natural mother's sounds and heartbeats. In this regard, the generation of heartbeat or other soothing and calming sounds may be incorporated into toys. The sound and heartbeat playback system may therefore be employed in a surrogate mother toy, for example, a cuddly bear with which infants may usually cuddle, play and/or sleep. Accordingly, the sound emitted by the sound and heartbeat playback system may aid in calming infants when they are agitated and/or tired.